DRAFT AGENDA
March 30–31, 2010
Hyatt Regency Crystal City
2700 Jefferson Davis Highway
Arlington, Virginia 22202

Tuesday, March 30, 2010

7:30 a.m. – 8:00 a.m. **Continental Breakfast**

8:00 a.m. – 8:15 a.m. **Welcome: Overview of the Conference – John Ferrell**, Acting Program Manager, Office of the Biomass Program, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

8:15 a.m. – 8:45 a.m. **Opening Address – The Linkage between Innovation and Economic Development in the Green Revolution – Steven Koonin**, Under Secretary for Science, U.S. Department of Energy (invited)

8:45 a.m. – 10:15 a.m. **Plenary Session – Growing Biomass Innovation**
This session will explore the role of innovation and advanced technology in the biomass community and highlight the commitment to create advanced bioenergy through approaches such as Energy Hubs, Bioenergy Research Centers, and efforts to develop advanced bioenergy.

10:15 a.m. – 10:30 a.m. **Break with Exhibitors**

10:30 a.m. – 12:30 p.m. **Breakout Session I**

Technical Tracks:

Track 1: Coordinating Basic/Foundational Science and Applied R&D I – Single Investigators to Small Team Research – A focus on Department of Energy activities with the Department of Agriculture Small Business Innovation Research, Energy Frontier Research Centers, and DOE's Advance Research Projects Agency-Energy.

Track 2: Feedstocks I – Feedstock Logistics: Developing Technology – An overview of the latest in feedstock logistics technology, including feedstock harvest, handling, storage, preprocessing, and transportation, as well as on future efforts to increase efficiency and lower costs.

Track 3: Hydrocarbon Fuels I – Near term Opportunities for Biofuels – An exploration of technologies over the next few years, including renewable blend stocks from oil, jet fuel via gasification, butanol, and algal systems.

Track 4: Sustainability and the Environment I – Effect of Federal Climate Change Legislation on the Bioenergy Sector – A discussion of the effects proposed climate change legislation could have on the biomass sector as well as how the different policies are interacting.

12:30 p.m. – 2:00 p.m. **Luncheon**

2:00 p.m. – 2:30 p.m. **Break with Exhibitors**

2:30 p.m. – 4:30 p.m. **Breakout Session II**

Technical Tracks:

Track 1: Coordinating Basic/Foundational Science and Applied R&D II – Large Multidisciplinary Centers and Consortia – An exploration of existing and future multidisciplinary groups, including DOE's Bioenergy Research Centers and Algal Biofuels Consortia.

Track 2: Feedstocks II – Advanced Energy Crops: Industry Perspectives – An overview on recent advances in cellulosic feedstock production technology to improve yields, environmental impacts, and convertibility of biomass energy feedstocks.

Track 3: Hydrocarbon Fuels II – The Next Wave of Opportunities for Biofuels – A mid-term look at technologies including methanol-to-gasoline, algal systems, pyrolysis-to-fuels, and biopropane.

Track 4: Sustainability and the Environment – The Role of Biomass in State and Regional Renewable Energy and Climate Initiatives – A discussion of the environmental implications of increasing the use of biomass-derived energy to meet both production goals and what can be done to mitigate any negative impacts.

4:30 – 6:00 p.m. **Reception**

Wednesday, March 31, 2010

7:30 a.m. – 8:00 a.m. **Continental Breakfast**

8:00 a.m. – 8:15 a.m. **Opening Remarks and Overview of Day One – John Ferrell**, Acting Program Manager, Office of the Biomass Program, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

8:15 a.m. – 8:45 a.m. **Direction of the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy – Assistant Secretary Cathy Zoi,** Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy (invited)

8:45 a.m. – 10:15 a.m. **Plenary Session – Creating Power from Biomass**
This session will focus on the future potential of biopower and examine the results of recent workshops on research priorities and opportunities related to power and products created from biomass.

10:15 a.m. – 10:30 a.m. **Break with Exhibitors**

10:30 a.m. – 12:30 p.m. **Breakout Session III**

Technical Tracks:

Track 1: Coordinating Basic/Foundational Science and Applied R&D III – Department of Energy User Facilities – An exploration of facilities including DOE's Joint Genome Institute, the Environmental Molecular Sciences Laboratory (PNNL), the Integrated Biorefinery Research Facility (NREL), and the Process Development Unit (LBNL).

Track 2: Feedstocks III – Feedstock Interface – An overview of Department of Energy efforts to interface with conversion technologies, integrated biorefineries, and the forest products industry.

Track 3: Hydrocarbon Fuels III – Transformational Opportunities for Biofuels – An exploration of potentially transformative technologies and related factors including fungi, biochemical conversion to hydrocarbons, and infrastructure.

Track 4: Sustainability and the Environment – Environmental Implications of Achieving a High-Yield Feedstock Scenario – A look at the potential environmental implications of reaching feedstock yields that are mandated in existing policies and necessary to support a growing bio-economy and the sustainability issues surrounding it.

12:30 p.m. – 1:30 p.m. **Luncheon**

1:30 p.m. – 2:00 p.m. **Break with Exhibitors**

2:00 p.m. – 3:00 p.m.	**Plenary Session – Building a Biomass Industry** *This session will take a closer look at integrated biorefinery demonstration projects and explore financial and economic aspects of biomass technologies deployment.*
3:00 p.m. – 3:15 p.m.	**Closing Remarks – John Ferrell**, Acting Program Manager, Office of the Biomass Program, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy
3:15 p.m.	**Adjourn**